

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hitoshi NAOE et al.

Application No.: 10/577,337

Confirmation No.: 5138

Filed: April 28, 2006

Art Unit: 2462

For: TRANSMITTER, RECEIVER,
COMMUNICATION SYSTEM,
COMMUNICATION METHOD,
COMMUNICATION PROGRAM

Examiner: X. S. Wong

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-SB08.

II. COPIES

☒ a. Copies of foreign patent documents, non-patent literature and other information.

☐ b. REFERENCES PREVIOUSLY CITED OR SUBMITTED: Copies of any information not provided can be found in one or more of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

III. CONCISE EXPLANATION OF THE RELEVANCE

☒ a. NON-ENGLISH LANGUAGE DOCUMENTS: A concise explanation of the relevance of all non-English language patents, publications, or other information listed is as follows: English language abstract and/or partial translation and/or full translation of Cite Nos. BA to BP, BR to BV, BX to BM2, BO2 to BQ2, BS2, CA to CF and CP to CQ are provided.

☐ b. ENGLISH LANGUAGE SEARCH REPORT OR FOREIGN PATENT OFFICE COMMUNICATION: An English language version of the search report or Foreign Patent Office communication that indicates the degree of relevance is attached.

☒ c. OTHER: The following additional information is provided.

The following four (4) documents are hereby submitted with this Information Disclosure Statement:

1. Hitoshi NAOE et al., "IrDA Serial Infrared Sequence Management Protocol for IrSimple" Infrared Data Association, Version 1.00, pages 1 – 64, October 14, 2005 (Cite No. CL)

2. Hitoshi NAOE et al., "IrDA Serial Infrared Link Access Protocol Specification for IrSimple Addition-Errata to IrLAP Version 1.1" Infrared Data Association, Version 1.00, pages 1 – 65, October 14, 2005 (Cite No. CM)

3. Hitoshi NAOE et al., "IrSimple (Infrared Simple) Profile" Infrared Data Association, Version 1.00, pages 1 – 30, October 14, 2005 (Cite No. CN)

4. Hitoshi NAOE et al., "IrDA Serial Infrared Link Access Protocol Specification for IrSimple Addition-Errata to IrLAP Version 1.1" Infrared Data Association, Version 1.00, pages 1 – 65, October 14, 2005 (Cite No. CO)

Each document is a public version dated October 14, 2005. Two copies of each are hereby submitted. Applicant has marked a first copy of each, identified with a letter "A" on the first page thereof, with numerous markings in several colors to indicate portions that were added, modified or deleted in various versions of the standard at various dates. The versions are identified as Yellow – Ver. 0.5; Green – Ver. 0.6; Orange – Ver. 0.8; and Pink – Ver. 1.0.

In view of concerns that the colored markings will not reliably scan into the electronic image system used by the USPTO to thus create a reliable record, a second copy of each document, identified with a letter "B" on the first page thereof, is also hereby submitted. These copies are marked in a different manner. Specifically, portions corresponding to the yellow markings for Ver. 0.5 are marked with underscoring; portions corresponding to the green markings for Ver. 0.6 are marked with a box surrounding such portions; portions corresponding to the orange markings for Ver. 0.8 are marked with brackets []; and portions corresponding to the pink markings for Ver. 1.0 are surrounded by slashes / .

Portions indicated to be associated with the various versions are believed to have the following effective dates, which differ from the October 14, 2005 publication date noted on the documents:

Ver. 0.5 – February 15, 2005

Ver. 0.6 – May 13, 2005

Ver. 0.8 – May 31, 2005

Ver. 1.0 – August 25, 2005

Further:

JP-10-308791-A corresponds to EP 08886410-A2

JP-2005-354652-A corresponds to US 2005/0254456-A

JP-2004-236108-A corresponds to US 2004/0170134-A1

JP-2004-94555-A corresponds to US 2004/054796-A1

CN-1167380-A corresponds to US 6,154,298-A

CN-1394029-A corresponds to US 2002/0196812-A

JP-2-281830-A corresponds to US 4,957,348

JP-8-195785-A corresponds to US 5,557,634

JP-2001-308955-A corresponds to US 2001/004914-A1

IV. STATEMENT UNDER 37 C.F.R. § 1.97(e)

The undersigned hereby states that:

- ☐ a. Each item of information contained in the IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than **30 days** prior to the filing of this IDS. This statement does not relate to English language counterparts not listed in a communication from the foreign patent office. Such English language

counterparts are provided to aid the Examiner's consideration of non-English items first cited in the communication from the foreign patent office; or

☐ b. Each item of information contained in the IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than **three months** prior to the filing of this IDS. This statement does not relate to English language counterparts not listed in a communication from the foreign patent office. Such English language counterparts are provided to aid the Examiner's consideration of non-English items first cited in the communication from the foreign patent office; or

☐ c. No item of information contained in the IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS.

☐ d. Some of the items of information in the IDS were cited in a communication from a foreign patent office. Such items were first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. This statement does not relate to English language counterparts not listed in a communication from the foreign patent office. Such English language counterparts are provided to aid the Examiner's consideration of non-English items first cited in the communication from the foreign patent office. As to the remaining items of information, to the knowledge of the person signing the certification after making reasonable inquiry, such remaining items were not known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

V. FEES

☐ a. This Information Disclosure Statement is being filed concurrently with the filing of a new patent application or Request for Continued Examination. No fee is required.

☐ b. This Information Disclosure Statement is being filed within three months of the filing date of an application. No fee is required.

☐ c. This Information Disclosure Statement is being filed before the mailing date of a first Action on the merits. No fee is required. If a first Office Action on the merits has issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the statement under 37 C.F.R. § 1.97(e) above. If no statement has been made, charge our deposit account for the required fee.

☒ d. This Information Disclosure Statement is being filed before the mailing date of a Final Office Action or before the mailing date of a Notice of Allowance (see 37 C.F.R. § 1.97(c)(1)).

☒ No statement. The fee as required by 37 C.F.R. § 1.17(p) is provided.
or

☐ See the above statement. No fee is required.

☐ e. This Information Disclosure Statement is being filed after the mailing date of a Final Office Action or after the mailing date of a Notice of Allowance (see 37 C.F.R. § 1.97(d)), see the statement above. The fee as required by 37 C.F.R. § 1.17(p) is provided.

VI. PAYMENT OF FEES

☒ The required fee is listed on the attached Fee Transmittal.

☐ No fee is required.

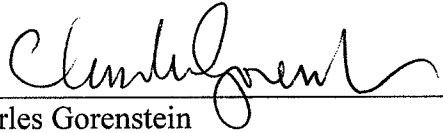
If the Examiner has any questions concerning this IDS, please contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the USPTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

Application No.: 10/577,337

Docket No.: 1248-0867PUS1

Dated: January 15, 2010

Respectfully submitted,

By 

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Attachment(s):



PTO/SB/08



Documents



Fee